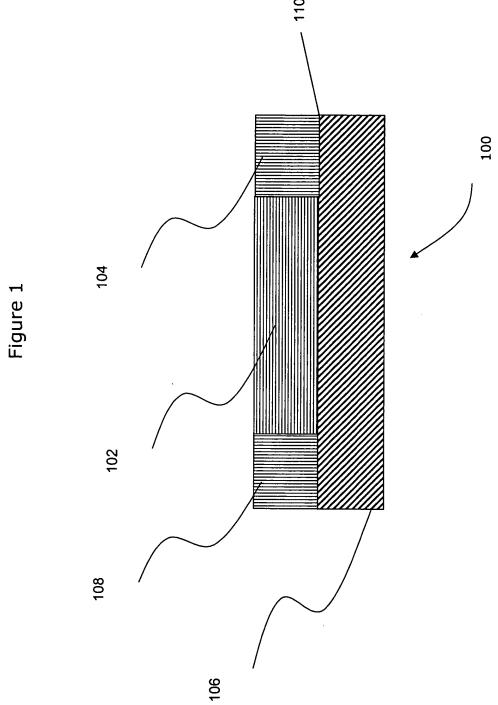
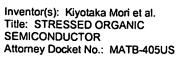
Inventor(s): Kiyotaka Mori et al. Title: STRESSED ORGANIC SEMICONDUCTOR Attorney Docket No.: MATB-405US





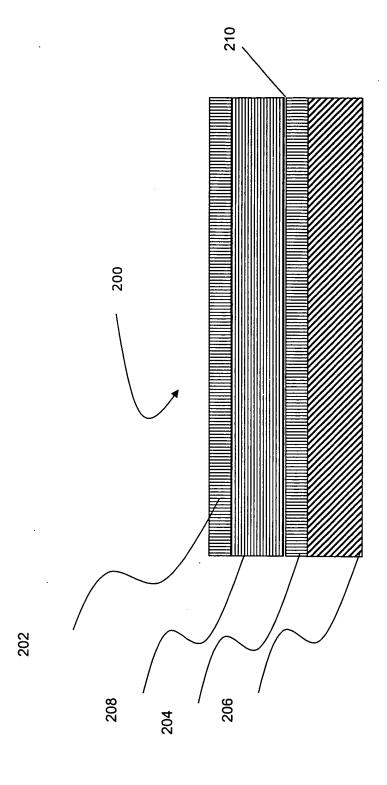


Figure 2

Phase (c):  $T = T_0$ , Operation Phase (a):  $T > T_0$ , Deposition Phase (b):  $T = T_0$ Residual compressive Compressive Tensile Organic semicon  $\alpha_1$ Organic semicon  $\alpha_{1}$ Organic semicon  $\alpha_1$ Substrate  $\alpha_2$ Substrate  $\alpha_2$ Substrate  $\alpha_2$ 300 302 300 302 300 302

Figure 3

4

Inventor(s): Kiyotaka Mori et al. Title: STRESSED ORGANIC SEMICONDUCTOR Attorney Docket No.: MATB-405US Compressive stress  $\pi$  orbital Carkier Moyern orbital orbital Tensile stress

Figure 4A

Figure 4C

Figure 4B

No stress

Inventor(s): Kiyotaka Mori et al. Title: STRESSED ORGANIC SEMICONDUCTOR Attorney Docket No.: MATB-405US

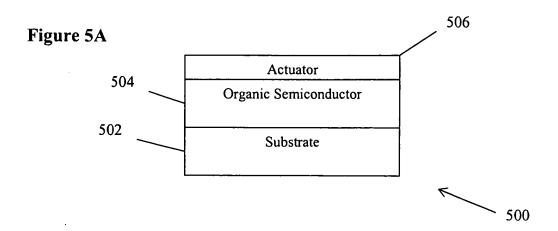
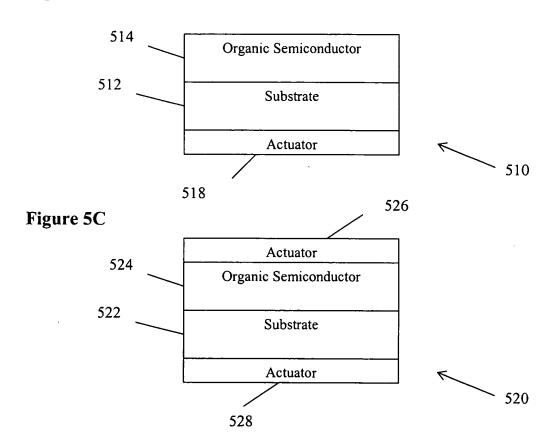
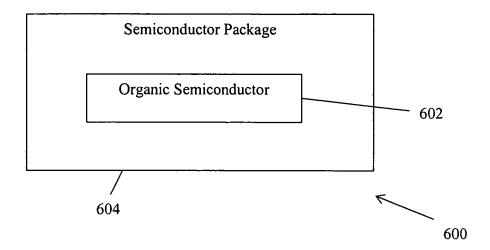


Figure 5B



Inventor(s): Kiyotaka Mori et al.
Title: STRESSED ORGANIC
SEMICONDUCTOR
Attorney Docket No.: MATB-405US

Figure 6

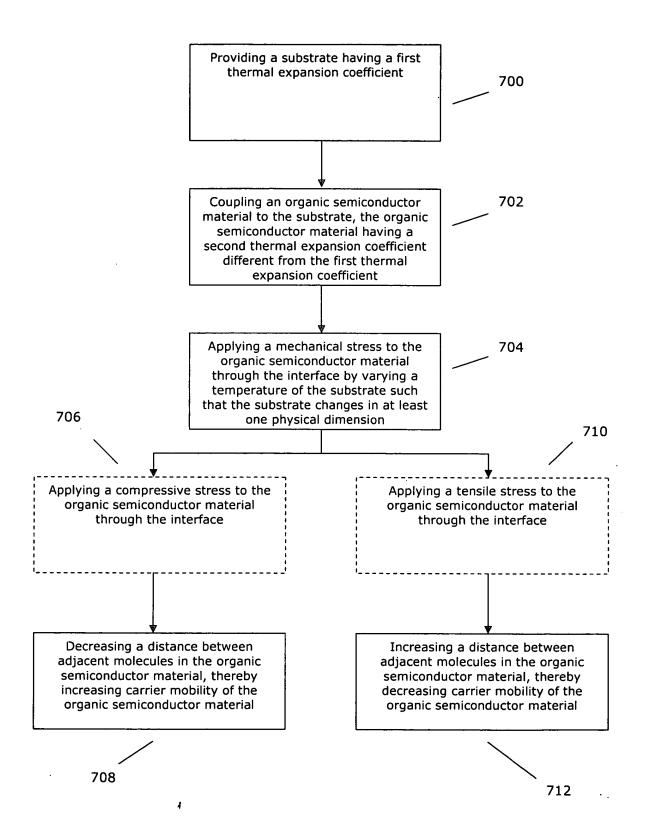


Inventor(s): Kiyotaka Mori et al. Title: STRESSED ORGANIC

SEMICONDUCTOR

Attorney Docket No.: MATB-405US

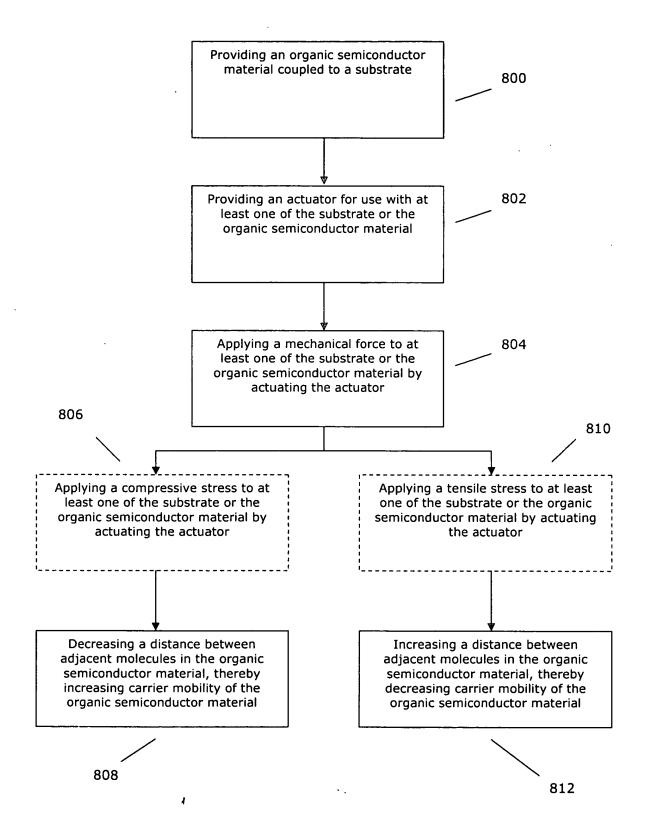
Figure 7



Inventor(s): Kiyotaka Mori et al. Title: STRESSED ORGANIC

SEMICONDUCTOR Attorney Docket No.: MATB-405US

Figure 8



Inventor(s): Kiyotaka Mori et al. Title: STRESSED ORGANIC

SEMICONDUCTOR

Attorney Docket No.: MATB-405US

Figure 9

